

C2012X5R1C475M125AC

TDK Item Description : C2012X5R1C475MT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C2012 [EIA CC0805]



Dimensions

L 2.00mm +/-0.2mm
 W 1.25mm +/-0.2mm
 T 1.25mm +/-0.2mm
 B 0.20mm Min.
 G 0.50mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

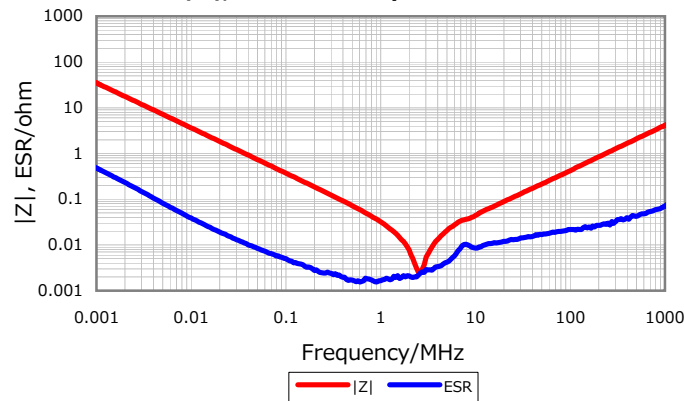
Insulation Resistance

21Mohm Min.

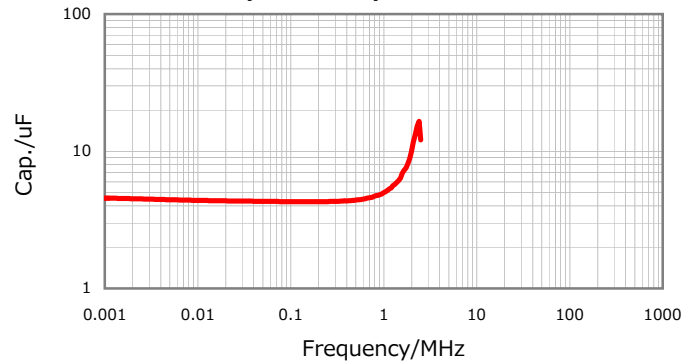
AEC-Q200

Not Applicable

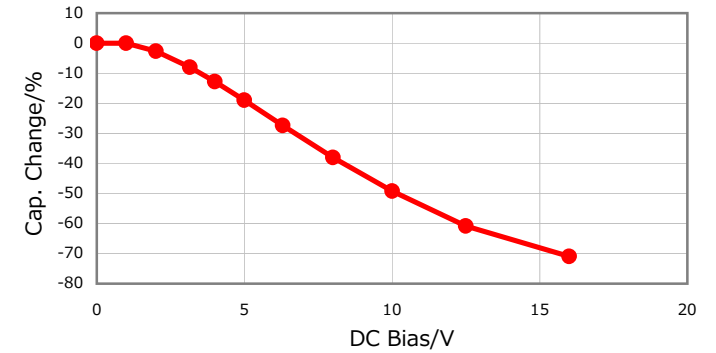
|Z|, ESR vs. Freq. Characteristics



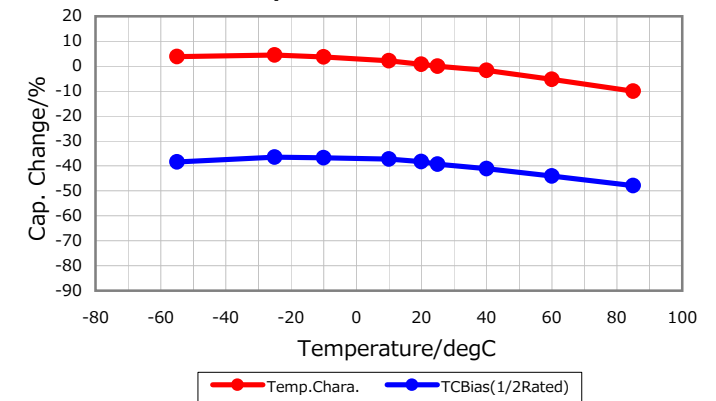
Cap. vs. Freq. Characteristic



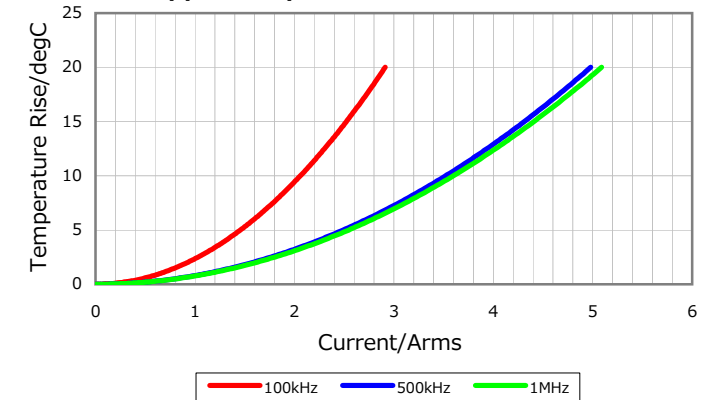
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016